

FRUCTOSE-1-PHOSPHATE MEOX 6TMS

Inchi: InChI=1S/C25H64NO9PSi6/c1-28-26-22(20-29-36(27,34-41(14,15)16)35-42(17,18)19)24
InchiKey: XTUNTURBDCLQGJ-UBFVSLLYSA-N
Formula: C25H64NO9PSi6
SMILES: CON=C(COP(=O)(O[Si](C)(C)C)O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)C
Mol. weight [g/mol]: 722.26

Physical Properties

Property code	Value	Unit	Source
log10ws	4.95		Crippen Method
logp	8.328		Crippen Method
rinpol	2385.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R438872&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/61-260-5/FRUCTOSE-1-PHOSPHATE-MEOX-6TMS.pdf>

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